

Amendments to the Specification:

Please insert the following after the Title on page 1 of the specification:

BACKGROUND OF THE INVENTION

Please replace the paragraph beginning at page 14, line 4, with the following amended paragraph:

Traffic from a customer enters the provider network through an entry point. Typically, the traffic enters through an edge router. A simplified edge router 200 is shown in FIG. 4. The edge router 200 shown includes multiple line cards 210, 220 that include multiple input interfaces 211a-211d. The edge router 200 includes multiple output interfaces 251a-251e. Every input interface is capable of being coupled to every output interface in the edge router shown. The input interfaces and output interfaces are coupled via a bus (not shown) to a central processing unit 298 which includes non-volatile memory 299. The memory 299 includes a computer readable medium coupled to the processor 298 and storing a computer program comprising code. The code causes the processor 298 to perform operations in accordance with the embodiments described herein. The computer readable medium may be a CD-ROM, floppy disk, flash memory, system memory, or hard drive, for example. The edge router shown is but an example of a customer/provider interface and any known methods can be used, including routers having a different configuration.